| Ref<br># | Hits    | Search Query  | DBs                            | Default<br>Operator | Plurals | , Time Stamp     |
|----------|---------|---|--------------------------------|---------------------|---------|------------------|
| L3       | 125     | "1" and request\$3 with module with client and middleware   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2005/03/02 10:45 |
| L4       | 3225176 | @ad<"20010130"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2005/03/02 10:45 |
| L5       | 53      | L4 and request\$3 with module with client and middleware  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2005/03/02 10:45 |
| S1       | 5       | US-5636276-\$.DID. OR<br>US-5734823-\$.DID. OR<br>US-5734891-\$.DID. OR<br>US-5418713-\$.DID. OR<br>US-5794217-\$.DID.  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2004/06/22 09:16 |
| S2       | 3207136 | @ad<"20010130"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2004/06/21 10:46 |
| S3       | 12      | @ad<"20010130" and (plugin plug-in plug adj in) with certificate  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2004/06/21 10:58 |
| S4       | 10      | @ad<"20010130" and (module) with certificate with (permission authorization)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON -    | 2004/06/21 10:58 |
| S5       | 11      | graunke.inv. and encrypt  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2004/06/22 09:17 |
| S6       | 6       | graunke.inv. and certificate  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2004/06/22 09:17 |
| S7       | 19      | ("5442706"   "5473692"   "5475753"   "5559814"   "5612682"   "5625693"   "5757914"   "5796941"   "5850559"   "5872848"   "5887131"   "5901227"   "5903721"   "5903882"   "5915021"   "5926548"   "5933503"   "5953420"   "5953424").PN.                               | USPAT                          | OR                  | ON      | 2004/06/22 09:33 |
| S8       | 5       | (("5442706"   "5473692"   "5475753"   "5559814"   "5612682"   "5625693"   "5757914"   "5796941"   "5850559"   "5872848"   "5887131"   "5901227"   "5903721"   "5903882"   "5915021"   "5926548"   "5933503"   "5953420"   "5953424").PN.) and module same certificate | USPAT                          | OR                  | ON      | 2004/06/22 10:20 |
| S9       | 230     | @ad<"20010130" and module with certificate  | USPAT                          | OR                  | ON      | 2004/06/22 11:43 |

|     | r       | · · · · · · · · · · · · · · · · · · ·  | · · · · · · · · · · · · · · · · · · · |      | γ- | 7                |
|-----|---------|--|---------------------------------------|------|----|------------------|
| S10 | 46      | @ad<"20010130" and module with certificate same request  | USPAT                                 | OR   | ON | 2004/06/22 12:07 |
| S11 | 82      | @ad<"20010130" and module with certificate with (verif\$5 authentica\$6)   | USPAT                                 | OR   | ON | 2004/06/22 10:24 |
| S12 | 11      | @ad<"20010130" and module with certificate with (verif\$5 authentica\$6) same request\$2                                 | USPAT                                 | OR   | ON | 2004/06/22 10:24 |
| S13 | 7       | ("4786790"   "4926480"  <br>"5224160"   "5265164"   "5347579"<br>  "5469507"   "5535276").PN.                            | USPAT                                 | OR   | ON | 2004/06/22 10:26 |
| S14 | 26      | "5991399".URPN.  | USPAT                                 | OR   | ON | 2004/06/22 10:26 |
| S15 | 9       | ("5218637"   "5642419"  <br>"5649099"   "5823726"   "5933503"<br>  "5991399"   "6002767"  <br>"6002768"   "6055236").PN. | USPAT                                 | OR   | ON | 2004/06/22 11:08 |
| S16 | 1       | "6138235".URPN.  | USPAT                                 | OR · | ON | 2004/06/22 10:56 |
| S17 | 11      | (@ad<"20010130" and module with certificate) and (sent send transmit\$2) with challenge                                  | USPAT                                 | OR   | ON | 2004/06/22 11:16 |
| S18 | 25      | (@ad<"20010130" and module with certificate) and (sent send transmit\$2) with test                                       | USPAT                                 | OR   | ON | 2004/06/22 11:16 |
| S19 | 55      | (@ad<"20010130" and module with certificate) and (sent send transmit\$2) with verify                                     | USPAT                                 | OR   | ON | 2004/06/22 11:27 |
| S20 | 1       | "6131165".pn.  | USPAT                                 | OR   | ON | 2004/06/22 11:27 |
| S21 | 94      | @ad<"20010130" and challenge with certificate  | USPAT                                 | OR   | ON | 2004/06/22 11:46 |
| S22 | 5       | @ad<"20010130" and challenge with certificate same module  | USPAT                                 | OR   | ON | 2004/06/22 12:19 |
| S23 | 3152340 | @ad<"20010130"   | USPAT                                 | OR   | ON | 2004/06/22 12:07 |
| S24 | 1       | @ad<"20010130" and dll with certificate same module  | USPAT                                 | OR   | ON | 2004/06/22 12:07 |
| S25 | 4       | @ad<"20010130" and dll with certificate  | USPAT                                 | OR   | ON | 2004/06/22 12:07 |
| S26 | 1       | "6138235".URPN.  | USPAT                                 | OR   | ON | 2004/06/22 12:08 |
| S27 | 9       | ("5218637"   "5642419"  <br>"5649099"   "5823726"   "5933503"<br>  "5991399"   "6002767"  <br>"6002768"   "6055236").PN. | USPAT                                 | OR   | ON | 2004/06/22 12:08 |
| S28 | 94      | @ad<"20010130" and challenge with certificate  | USPAT                                 | OR   | ON | 2004/06/22 12:19 |
| S29 | 17      | @ad<"20010130" and challenge with certificate same request   | USPAT                                 | OR   | ON | 2004/06/22 16:20 |
| S30 | 127     | @ad<"20010130" and challenge<br>with public adj key  | USPAT                                 | OR   | ON | 2004/06/23 08:16 |

|     | T         |   | ī                              | <del>-</del> | <del> </del> | <u>                                     </u> |
|-----|-----------|---|--------------------------------|--------------|--------------|--|
| S31 | 216       | @ad<"20010130" and 713/156.ccls.  | USPAT                          | OR           | ON           | 2004/06/23 08:17                             |
| S32 | 185       | (@ad<"20010130" and 713/156. ccls.) and certificate   | USPAT                          | OR           | ON           | 2004/06/23 08:17                             |
| S33 | 64        | ((@ad<"20010130" and 713/156.<br>ccls.) and certificate) and module                             | USPAT                          | OR           | ON           | 2004/06/23 08:17                             |
| S34 | 185       | @ad<"20010130" and 713/180.ccls.  | USPAT                          | OR           | ON           | 2004/06/23 08:17                             |
| S35 | . 63      | (@ad<"20010130" and 713/180.<br>ccls.) and certificate  | USPAT                          | OR           | ON           | 2004/06/23 08:18                             |
| S36 | 28        | ((@ad<"20010130" and 713/180.<br>ccls.) and certificate) and module                             | USPAT                          | OR           | ON           | 2004/06/23 08:18                             |
| S37 | 1305      | @ad<"20010130" and 713/200.ccls.  | USPAT                          | OR           | ON           | 2004/06/23 08:17                             |
| S38 | 161       | (@ad<"20010130" and 713/200.<br>ccls.) and certificate  | USPAT                          | OR           | ON           | 2004/06/23 08:18                             |
| S39 | 96        | ((@ad<"20010130" and 713/200.<br>ccls.) and certificate) and module                             | USPAT                          | OR           | ON           | 2004/06/23 08:18                             |
| S40 | 33        | (((@ad<"20010130" and 713/200. ccls.) and certificate) and module) and request with certificate | USPAT                          | OR           | ON           | 2004/06/23 08:18                             |
| S41 | 3         | ("6138235" "6754829" "6088450").<br>pn.   | US-PGPUB;<br>USPAT;<br>USOCR   | OR           | ON           | 2005/02/28 12:04                             |
| S42 | 3225176   | @ad<"20010130"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR           | ON           | 2005/03/01 13:43                             |
| S43 | 1         | S42 and certificate with owner near2 field  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR           | ON           | 2005/03/01 13:43                             |
| S44 | 1         | S42 and certificate with owner near2 (label field)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR           | ON           | 2005/03/01 13:43                             |
| S45 | . 3225176 | @ad<"20010130"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR           | ON           | 2005/03/01 16:41                             |
| S46 | 165       | S45 and request\$3 with module same proxy   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR           | ON           | 2005/03/01 17:10                             |
| S47 | 12        | S46 and certificate   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR           | ON           | 2005/03/01 16:51                             |
| S48 | 82        | S45 and request\$3 with module with client same proxy   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR           | ON           | 2005/03/02 10:42                             |